



Technical Data Sheet Art. No. 0405

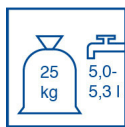
Waterproofing Grout

Mineral waterproofing grout

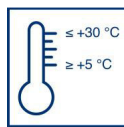
Low in chromates in accordance with RL 2003/53/EC



For use
indoors and
outdoors



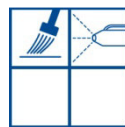
Dry mortar /
water



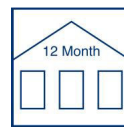
Working
temperature



Mixing time



Brush/spray
application



Shelf-life



Protect from
moisture



Range of use

- For waterproofing new building elements with ground contact against all water loads as well as water pressure from behind
- As a horizontal barrier against rising damp in wall positioning areas
- Protection against moisture from behind when waterproofing new buildings with Remmers PMB products
- Bonding layer for Remmers Waterproofing Filler when waterproofing new buildings
- For waterproofing plinth areas in conjunction with Remmers renders
- For waterproofing reservoirs against water pressure from the inside in drinking water areas

Property profile

Remmers Waterproofing Grout is a high quality, cementitious building waterproofing product with outstanding properties.

- Quickly and easily applied to sand-lime brick, brick and concrete substrates

Characteristic data of the product

Water requirements:	20 to 21 %
Working time:	60 minutes
Water absorption coefficient w ₂₄ :	< 0.1 kg/(m ² * h ^{0.5})
Water vapour diffusion μ:	< 200
Compressive strength, 28 days :	approx. 30 N/mm ²
Tensile bending strength, 28 days:	approx. 6 N/mm ²

- Water impermeable for water pressure (also water pressure from behind!)
- Deep protection waterproofing of the substrate through silicification with Remmers Kiesol
- Strong adhesion to the substrate and adhesive bonding
- Especially resistant to the effects of mechanical and chemical loads
- Resistant to water and frost
- Promotes drying since it is vapour permeable

Substrate

The substrate must be sound, load-bearing and free of substances that could interfere with adhesion.

Pre-wetting the substrate before waterproofing depends on moisture content and absorption capacity. Highly absorbent masonry work (e.g. sand-lime brick) should be pre-wet several times in advance! The waterproofing should always be applied to matt damp but not shiny wet substrates.

- Test Reports/Certificates
- Waterproofing against pressure water from behind
- National Technical Approval
- Test Certificate according to DVGW regulations W 347 and W 270 for drinking water areas

Directions

- Deep protection priming**
Spray Kiesol diluted 1 : 1 with water over the matt damp, cleaned substrate, covering full surface but without excess dripping. After a

brief waiting time work can be continued.

Waterproofing

Pour **5.0 to 5.3 litres of water** into a clean container. Add **25 kg Remmers Waterproofing Grout** and mix with a mixer for approx. 3 minutes until homogenous. Allow to mature for 2 minutes, then mix again shortly until the proper consistence for working has been achieved. **Use only the specified quantity of water!**

Directly after mixing, brush Remmers Waterproofing Grout over the entire surface with a soft brush in a grouting procedure. After approx. 20 minutes (depending on substrate), apply a second coat of grout in the same manner. For standing seepage water or water pressure, apply three coats of grout.

The minimum application rate for the grout is 2.0 kg/m² (>1 mm thick layer) per coat.

The total thickness of the layer of Waterproofing Grout should not exceed 5 mm in any one place.

Water loads and layer thicknesses

Type of water load	Minimum layer thickness in mm	Application rate in kg/m ²	
		Fresh mortar	Powder
Ground damp, non-standing seepage water 2 coats	2	4	3.2
Standing seepage water and pressure water 3 coats	3	6	5

Since water loads may change, we recommend a **3 mm thick layer**.

In wall/floor connection areas, place a sealing cove made of Remmers Waterproofing Filler (Art. No. 0426) on a fresh adhesive layer of Remmers Waterproofing Grout.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

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Horizontal waterproofing in wall positioning areas:

1 basic silicification treatment* + 1 coat of grout

Protection against moisture from behind in sealing cove areas:

1 basic silicification treatment* **In plinth areas:**

1 basic silicification treatment* 1 coat of grout

Mineral base waterproofing in ground areas:

1 basic silicification treatment*

* **Basic silicification treatment** consists of spraying Kiesol diluted 1 : 1 with water and, after a short waiting time, application of Remmers Waterproofing Grout in a grout consistence.

Expansion capable, vertical external waterproofing

In cases of ground damp or standing seepage water, use one of the Remmers thick coatings according to directions. Remmers Waterproofing Grout must have set or be air dry before the thick coating is applied.

Waterproofing in drinking water areas

Because of the positive pressure water load, three layers of grout are applied, wet-on-wet. Do not carry out silicification treatment.

Application of render

When render is subsequently applied, throw Remmers Preparatory Mortar onto the entire surface of the last, still fresh layer of grout. Allow to set for 24-48 hours. Then apply one of the Remmers restoration renders.

Notes

Do not use if the temperature of the air, substrate or building material is below +5 °C or above 30 °C. The characteristic data given for the product was determined under laboratory conditions at 20 °C and 65 % relative humidity. Lower temperatures delay, high temperatures reduce working and setting times. After application, check the coating for missing areas and protect from weather for at least 24 hours (sun, wind, rain and frost) and keep damp (cover with plastic sheets).

Tools, cleaning

For Kiesol: K-Surface Sprayer
For Remmers Waterproofing Grout: brushes or grout broom; fine render machine (e.g. Desoi SP.8 / SP.10).
Clean tools and equipment with water while the grout is still fresh.

Packaging, application rate, storage

Packaging:

25 kg paper bags

Application rate:

Approx. 3.2 kg/m² (moisture)

Approx. 5.0 kg/m² (water pressure)

Approx. 1.6 kg/m² per coat of grout

Shelf-life:

At least 12 months stored dry in closed bags.

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet.



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